

Zünd Connect is a web-based, analytical monitoring tool that shows users where productivity can be optimized. It captures a range of KPIs and lets users compare and analyze data across jobs, processing methods, and materials.

Zünd Connect is a cloud-based Software-as-a-Service (SaaS) application. It provides a means of measuring and evaluating the availability and performance of Zünd cutting systems. Zünd Connect also detects losses in cutter efficiency and allows users to take appropriate steps to ensure long-term added value, even in the face of increasing

complexities. Two versions of Zünd Connect licenses are available: Monitor and Analyzer. Monitor is free to ZCC users and includes only the OEE (Overall Equipment Efficiency) display and 'Cutter view' functions. It gives the observer a real-time overview of what is happening on each cutter. The Analyzer license offers additional features for identifying

productivity losses and their potential sources. Analysis by material, tool, processing method, or tool insert continuously generates opportunities for optimization, compensating not only for loss of time, capacity, and quality, but also significantly increasing OEE (Overall Equipment Efficiency).



Details

Zünd Connect is available in two different license versions:

- Monitor displays capacity, availability, and OEE (Overall Equipment Efficiency) and is free of charge.
- Analyzer identifies potential losses with the use of pertinent dashboards and is fee based.

Proven security standards and components ensure high levels of data protection

With ZCC 3.5.x and ZCC version 4.5.0 and later, data upload to the cloud can be turned off in Cut Manager.

Min. requirements are ZCC version 3.5.8 or ZCC 4.5.0.

ZCC users can register via my.zund.com with just a few clicks

Data export possible via REST/API

Raw production data is stored for a maximum of 1.5 years; data processed for generating the dashboards, for a maximum of three years.

Benefits at a glance

Monitor production efficiency

Detect losses, analyze their causes

Identify potential improvements in production, and optimize performance.

Visualize production by day and time periods; capturing data by production shifts provides even better visualization.

Overview at a glance of each cutter, as needed, using Live Status

Analyze how often specific materials, tools, processing methods, or tool inserts are utilized.

Visualization and data output of batch and barcode production using ZCC 4.

A temporary license for two weeks is available upon request (prerequisite: min. ZCC 3.5.8 and ZCC version 4.x and later).

Licensing model	Monitor	Analyzer
Overview of OEE (overall equipment efficiency), availability, performance	•	•
Filter views by cutter, time period, or shift	•	•
Configuration – setting up shift calendar, specifying thresholds for KPIs	•	•
Cutter overview – convenient overview of all active cutters and jobs in real time (requires ZCC version 3.5.3)	•	•
Job list – visualization of job components (material, tool, processing method, tool insert), display of production time or cutting distance by job. Data export of filtered job list – available formats Excel, JSON, XML and CSV, incl. processing methods and metadata		•
Loss detection – displays losses by specified period of time. Data export of filtered job list – available formats Excel, JSON, XML and CSV, incl. processing methods and metadata		•
Downtime statistics – list of causes of interruptions by time of day, material, processing method, and tool Data export of filtered job list – available formats Excel, JSON, XML and CSV, incl. processing method, and metadata		•
API data interface – provides direct access to statistics and job data for user-defined analyses and visualizations		•